

CPC**COOPERATIVE PATENT CLASSIFICATION****A45B**

WALKING STICKS; UMBRELLAS; LADIES` OR LIKE FANS ([cane or umbrella stands or holders A47G 25/12](#))

NOTE

In this subclass, the following term is used with the meaning indicated:

- "umbrellas" also covers sunshades similar in construction to umbrellas

Walking sticks; Sticks for umbrellas ([walking aids, e.g. sticks, for blind persons A61H 3/06](#); [walking sticks formed as supports or tripod stands F16M 13/08](#))

A45B 1/00

Sticks with supporting, hanging or carrying means

A45B 1/02

- . Walking sticks with rollers for carrying parcels or the like

A45B 1/04

- . Walking sticks with means for hanging-up or with locks ([carriers for walking sticks or umbrellas A45F 5/00](#))

A45B 3/00

Sticks combined with other objects

A45B 3/02

- . with illuminating devices

A45B 3/04

- . . electrical

A45B 3/06

- . with coat-hangers

A45B 3/08

- . with measuring or weighing appliances

A45B 3/10

- . with purses

A45B 3/12

- . with telescopes

A45B 3/14

- . with weapons

A45B 3/16

- . with smoking appliances

A45B 5/00

Walking sticks or umbrellas convertible into seats; Hunting sticks

A45B 7/00

Other sticks, e.g. of cranked shape

A45B 7/005

- . {crank-shaped}

A45B 9/00**Details**

A45B 9/02

- . Handles or heads

A45B 9/04

- . Ferrules or tips **{(for crutches [A61H 3/0288](#))}**

A45B 9/06

- . Sticks with name-plates or the like

Umbrellas (tables with means for holding umbrellas [A47B 37/04](#))**A45B 11/00****Umbrellas characterised by their shape or attachment**

A45B 11/02

- . attached to the body of the user

A45B 11/04

- . mounted on the head of the user

A45B 13/00**Umbrellas made of paper****A45B 15/00****Umbrellas with detachable covers****A45B 17/00****Tiltable umbrellas****A45B 19/00****Special folding or telescoping of umbrellas**

A45B 19/02

- . Inflatable umbrellas; Umbrellas without ribs

A45B 19/04

- . with telescopic sticks

A45B 19/06

- . with telescopic ribs

A45B 19/08

- . with collapsible sticks

A45B 19/10

- . with collapsible ribs

A45B 19/12

- . . in the form of lazy-tongs

A45B 21/00**Umbrellas convertible into walking sticks****A45B 23/00****Other umbrellas****A45B 25/00****Details of umbrellas** (sticks for umbrellas [A45B 1/00](#) to [A45B 9/00](#); illuminating devices for umbrellas [A45B 3/02](#); {sockets or holders for poles or posts [E04H 12/22](#)})

A45B 25/006

- . **{Automatic closing devices ([A45B 25/143](#) takes precedence)}**

- A45B 25/02 . Umbrella frames
- A45B 25/04 . . Devices for making or repairing
- A45B 25/06 . Umbrella runners
- A45B 25/08 . . Devices for fastening or locking
- A45B 25/10 . Umbrella crowns {(A45B 25/06 takes precedence)}
- A45B 25/12 . Devices for holding umbrellas closed, e.g. magnetic devices
- A45B 25/14 . Devices for opening and for closing umbrellas
- A45B 25/143 . . {automatic}
- A45B 25/16 . Automatic openers, e.g. frames with spring mechanisms {(A45B 25/143 takes precedence)}
- A45B 25/165 . . {with fluid or electric actuators}
- A45B 25/18 . Covers (detachable [A45B 15/00](#)); Means for fastening same
- A45B 25/20 . . Windows in covers
- A45B 25/22 . Devices for increasing the resistance of umbrellas to wind
- A45B 25/24 . Protective coverings for umbrellas when closed
- A45B 25/26 . . Ventilated coverings
- A45B 25/28 . Drip receptacles for umbrellas; Attaching devices therefor
- A45B 25/30 . Name-plates; Badges; Labelling or marking devices; Means for attaching same ([attached to the umbrella stick A45B 9/06](#))

A45B 27/00 Ladies` or like fans

- A45B 27/02 . with mechanical hand-drive

A45B 2009/00 Details

- A45B 2009/002 . Accessories
- A45B 2009/005 . Shafts
- A45B 2009/007 . . of adjustable length, e.g. telescopic shafts
- A45B 2009/02 . Handles or heads
- A45B 2009/025 . . releasably connected to a wrist strap or a glove

A45B 2011/00 Umbrellas characterised by their shape or attachment

- A45B 2011/005 . characterised by their shape
- A45B 2017/00 **Tiltable umbrellas**
- A45B 2017/005 . with additional rotation about a vertical axis
- A45B 2019/00 **Special folding or telescoping of umbrellas**
- A45B 2019/001 . with elastic ribs
- A45B 2019/002 . Umbrellas stored inside the stick when closed, e.g. collapsible into the handle
- A45B 2019/004 . with rigid ribs
- A45B 2019/005 . without stick
- A45B 2019/007 . without stretchers
- A45B 2019/008 . Umbrellas having upward pointing rib ends when closed, i.e. the lower dry side of the cover facing the outside when closed
- A45B 2019/02 . Inflatable umbrellas; Umbrellas without ribs
- A45B 2019/023 . . Umbrellas with stretchers only
- A45B 2019/026 . . Umbrellas without ribs
- A45B 2023/00 **Other umbrellas**
- A45B 2023/0006 . Portable, self supported sunshades or weather protections
- A45B 2023/0012 . Ground supported umbrellas or sunshades on a single post, e.g. resting in or on a surface there below
- A45B 2023/0018 . . with a canopy in form of an inverted cone
- A45B 2023/0025 . Umbrellas or sunshades mounted laterally on a wall or on an apparatus
- A45B 2023/0031 . Cantilever umbrellas or sunshades with a support arm
- A45B 2023/0037 . . the support arm being attached to the stick or to the crown, the canopy being suspended there below
- A45B 2023/0043 . . the support arm being attached to the stick or to runner, the canopy being suspended there above
- A45B 2023/005 . . the support arm being attached to a rib or being formed by a rib
- A45B 2023/0056 . . the support arm being formed by lazy-tongs, one support arm being a rib and the other arm being attached to the runner and to the rib
- A45B 2023/0062 . . the support arm being telescopic
- A45B 2023/0068 . . the support arm being foldable
- A45B 2023/0075 . . the support arm being rotatable about a vertical axis for adjusting the position
- A45B 2023/0081 . . the support arm being rotatable about a horizontal axis for adjusting the position

- [A45B 2023/0087](#) . having a planar opening movement wherein the struts or screen sheet rotate and spread around an axis, e.g. around the stick
- [A45B 2023/0093](#) . Sunshades or weather protections of other than umbrella type
- A45B 2025/00** **Details of umbrellas** (sticks for umbrellas [A45B 1/00](#) to [A45B 9/00](#); illuminating devices for umbrellas [A45B 3/02](#); {sockets or holders for poles or posts [E04H 12/22](#)})
- [A45B 2025/003](#) . Accessories not covered by groups [A45B 25/24](#) to [A45B 25/30](#)
- [A45B 2025/10](#) . Umbrella crowns {([A45B 25/06](#) takes precedence)}
- [A45B 2025/105](#) .. movable with respect to the shaft
- [A45B 2025/14](#) . Devices for opening and for closing umbrellas
- [A45B 2025/146](#) .. with a crank connected to a rope
- [A45B 2025/18](#) . Covers (detachable [A45B 15/00](#)); Means for fastening same
- [A45B 2025/183](#) .. Covers with filtering or screening means for avoiding undesired radiation
- [A45B 2025/186](#) .. Umbrellas with two or more covers
- A45B 2200/00** **Details not otherwise provided for in K45B**
- [A45B 2200/05](#) . Walking sticks
- [A45B 2200/055](#) .. for Nordic walking
- [A45B 2200/10](#) . Umbrellas; Sunshades
- [A45B 2200/1009](#) .. combined with other objects
- [A45B 2200/1018](#) ... with illuminating devices, e.g. electrical
- [A45B 2200/1027](#) ... with means for generating solar energy
- [A45B 2200/1036](#) ... with means for promoting air movement, e.g. ventilation holes, fans, ventilators, special shape for ventilation, suction means
- [A45B 2200/1045](#) ... with a misting device having at least one nozzle for spraying a fluid, e.g. water
- [A45B 2200/1054](#) ... with containers for storing objects, e.g. box
- [A45B 2200/1063](#) ... with tables
- [A45B 2200/1072](#) ... with other sunshades, awnings or tents
- [A45B 2200/1081](#) .. Umbrella handles
- [A45B 2200/109](#) ... Sockets therefor